



# Proteus Waterproofing

## Case Study: Pro-BW® Plus

### Communal Walkway Refurbishment, Knolly's House



#### Project Brief:

Knolly's House, a residential block of flats in London, required refurbishment works to the internal communal walkways and concrete stairwells as the existing waterproofing had reached the end of its serviceable life. The waterproofing needed to be fast cure as the communal balconies were the only access to the flats. Therefore, **Proteus Waterproofing** specified **Pro-BW® Plus** system.

#### Key Requirements: High Performance Waterproofing

As constant access was required by the residents, a fast cure waterproofing system was vital. **Pro-BW® Plus** was selected as it can be fully installed in three stages, each only taking forty-five minutes to cure before allowing foot traffic. **Pro-Aggregate EM** was incorporated for a slip resistant finish. **Proteus Waterproofing** worked closely with the **Proteus Approved Contractor** to ensure the project was completed to a high standard, including an aesthetically pleasing finish.

#### Key Requirements: Health and Safety

To minimise disruption to residents, particularly on communal walkways which may also form the fire escape routes, the waterproofing system needed to be fast cure. **Proteus Waterproofing's** liquid applied systems are cold installed and therefore remove the risk of fire to the building. The low noise application also allowed the **Proteus Approved Contractor** to complete the works safely.

#### Key Requirements: Long Term Performance

**Pro-BW® Plus** is a high performance, rapid curing protective waterproofing membrane for balconies and walkways making it ideal for refurbishment where structural movement has occurred. **Pro-BW® Plus** reduces installation time from days to hours. Suitable for a variety of external applications, **Pro-BW® Plus** can be installed on concrete & asphalt for communal and private balconies, walkways, staircases and pedestrian ramps. As it is a cold applied installation, the system meets health and safety criteria by minimising risk to both operatives and members of the public. **Pro-BW® Plus** is **BBA Certified** and **manufactured in the UK**.

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